GEN III Database Species and Their Characteristics

Gram-Negative Aerobic Bacteria

	Species Name	Organism Type	Protocol	Medium	Medium Atm	Medium Temp
1	**Achromobacter cholinophagum**	GN-NENT	A	BUG+B	Air	33
2	**Achromobacter denitrificans**	GN-NENT	A	BUG+B	Air	33
3	**Achromobacter insolitus**	GN-NENT	A	BUG+B	Air	33
4	**Achromobacter piechaudii**	GN-NENT	A	BUG+B	Air	33
5	**Achromobacter spanius**	GN-NENT	A	BUG+B	Air	33
6	**Achromobacter xylosoxidans ss xylosoxidans**	GN-NENT	A	BUG+B	Air	33
7	**Acidovorax avenae ss avenae**	GN-NENT	A	BUG	Air	30
8	**Acidovorax avenae ss cattleyae**	GN-NENT	A	BUG	Air	30
9	**Acidovorax avenae ss citrulli**	GN-NENT	A	BUG	Air	30
10	**Acidovorax delafieldii**	GN-NENT	A	BUG	Air	30
11	**Acidovorax facilis**	GN-NENT	A	BUG	Air	30
12	**Acidovorax konjaci**	GN-NENT	A	BUG	Air	30
13	**Acidovorax temperans**	GN-NENT	A	BUG	Air	30
14	**Acinetobacter baumannii**	GN-NENT	A	BUG+B	Air	33
15	**Acinetobacter baylyi**	GN-NENT	A	BUG+B	Air	33
16	**Acinetobacter bouvetii**	GN-NENT	A	BUG+B	Air	33
17	**Acinetobacter calcoaceticus**	GN-NENT	A	BUG+B	Air	33
18	**Acinetobacter genospecies 10**	GN-NENT	A	BUG+B	Air	33
19	**Acinetobacter genospecies 11**	GN-NENT	A	BUG+B	Air	33
20	**Acinetobacter genospecies 13TU**	GN-NENT	A	BUG+B	Air	33
21	**Acinetobacter genospecies 14TU**	GN-NENT	A	BUG+B	Air	33
22	**Acinetobacter genospecies 15TU**	GN-NENT	A	BUG+B	Air	33
23	**Acinetobacter genospecies 3**	GN-NENT	A	BUG+B	Air	33
24	**Acinetobacter genospecies 6**	GN-NENT	A	BUG+B	Air	33
25	**Acinetobacter gerneri**	GN-NENT	A	BUG+B	Air	33
26	**Acinetobacter grimontii**	GN-NENT	A	BUG+B	Air	33
27	**Acinetobacter haemolyticus**	GN-NENT	A	BUG+B	Air	33
28	**Acinetobacter johnsonii**	GN-NENT	A	BUG+B	Air	33
29	**Acinetobacter junii**	GN-NENT	A	BUG+B	Air	33
30	**Acinetobacter lwoffi**	GN-NENT	A	BUG+B	Air	33
31	**Acinetobacter parvus**	GN-NENT	A	BUG+B	Air	33
32	**Acinetobacter radioresistens**	GN-NENT	A	BUG+B	Air	33
33	**Acinetobacter schindleri**	GN-NENT	A	BUG+B	Air	33
34	**Acinetobacter tandoii**	GN-NENT	A	BUG+B	Air	33
35	**Acinetobacter tjernbergiae**	GN-NENT	A	BUG+B	Air	33
36	**Acinetobacter towneri**	GN-NENT	A	BUG+B	Air	33
37	**Acinetobacter ursingii**	GN-NENT	A	BUG+B	Air	33
38	**Acinetobacter venetianus**	GN-NENT	A	BUG+B	Air	33
39	**Actinobacillus capsulatus**	GN-FAS	C2	CHOC	6.5%CO2	33-37
40	**Actinobacillus equuli ss equuli**	GN-FAS	C2	CHOC	6.5%CO2	33-37
41	**Actinobacillus hominis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
42	**Actinobacillus indolicus**	GN-FAS	C2	CHOC	6.5%CO2	33-37
43	**Actinobacillus lignieresii**	GN-FAS	C2	CHOC	6.5%CO2	33-37
44	**Actinobacillus minor**	GN-FAS	C2	CHOC	6.5%CO2	33-37
45	**Actinobacillus muris**	GN-FAS	C2	CHOC	6.5%CO2	33-37
46	**Actinobacillus pleuropneumoniae**	GN-FAS	C2	CHOC	6.5%CO2	33-37
47	**Actinobacillus porcinus**	GN-FAS	C2	CHOC	6.5%CO2	33-37
48	**Actinobacillus porcitonsillarum**	GN-FAS	C2	CHOC	6.5%CO2	33-37
49	**Actinobacillus rossii**	GN-FAS	C2	CHOC	6.5%CO2	33-37
50	**Actinobacillus seminis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
51	**Actinobacillus succinogenes**	GN-FAS	C2	CHOC	6.5%CO2	33-37
52	**Actinobacillus suis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
53	**Actinobacillus ureae**	GN-FAS	C2	CHOC	6.5%CO2	33-37
54	**Aeromonas allosaccharophila**	GN-NENT	A	BUG+B	Air	33
55	**Aeromonas bestiarum**	GN-NENT	A	BUG+B	Air	33
56	**Aeromonas caviae DNA group 4**	GN-NENT	A	BUG+B	Air	33
57	**Aeromonas DNA group 11**	GN-NENT	A	BUG+B	Air	33
58	**Aeromonas encheleia**	GN-NENT	A	BUG+B	Air	33
59	**Aeromonas enteropelogenes DNA 13**	GN-NENT	A	BUG+B	Air	33
60	**Aeromonas eucrenophila DNA group 6**	GN-NENT	A	BUG+B	Air	33
61	**Aeromonas hydrophila DNA group 1**	GN-NENT	A	BUG+B	Air	33
62	**Aeromonas hydrophila-like DNA group 2**	GN-NENT	A	BUG+B	Air	33
63	**Aeromonas hydrophila-like DNA group 3**	GN-NENT	A	BUG+B	Air	33
64	**Aeromonas ichthiosmia**	GN-NENT	A	BUG+B	Air	33
65	**Aeromonas jandaei DNA group 9**	GN-NENT	A	BUG+B	Air	33
66	**Aeromonas media DNA group 5B**	GN-NENT	A	BUG+B	Air	33
67	**Aeromonas media-like DNA group 5A**	GN-NENT	A	BUG+B	Air	33

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	Species Name	Organism Type	Protocol	Medium	Medium Atm	Medium Temp
68	**Aeromonas popoffii**	GN-NENT	A	BUG+B	Air	33
69	**Aeromonas salmonicida ss achromogenes**	GN-NENT	A	BUG+B	Air	33
70	**Aeromonas salmonicida ss masoucida**	GN-NENT	A	BUG+B	Air	33
71	**Aeromonas salmonicida ss pectinolytica**	GN-NENT	A	BUG+B	Air	33
72	**Aeromonas salmonicida ss salmonicida**	GN-NENT	A	BUG+B	Air	33
73	**Aeromonas schubertii DNA group 12**	GN-NENT	A	BUG+B	Air	33
74	**Aeromonas sobria DNA group 7**	GN-NENT	A	BUG+B	Air	33
75	**Aeromonas veronii DNA group 10**	GN-NENT	A	BUG+B	Air	33
76	**Aeromonas veronii/sobria DNA group 8**	GN-NENT	A	BUG+B	Air	33
77	**Aggregatibacter actinomycetemcomitans**	GN-FAS	C2	CHOC	6.5%CO2	33-37
78	**Aggregatibacter aphrophilus**	GN-FAS	C2	CHOC	6.5%CO2	33-37
79	**Aggregatibacter segnis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
80	**Alcaligenes defragrans**	GN-NENT	A	BUG+B	Air	33
81	**Alcaligenes faecalis ss faecalis**	GN-NENT	A	BUG+B	Air	33
82	**Alysiella crassa**	GN-FAS	C2	CHOC	6.5%CO2	33-37
83	**Alysiella filiformis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
84	**Aminobacter aminovorans**	GN-NENT	A	BUG+B	Air	30-33
85	**Aquaspirillum peregrinum ss integrum**	GN-NENT	A	BUG+B	Air	30-33
86	**Aquaspirillum peregrinum ss peregrinum**	GN-NENT	A	BUG+B	Air	30-33
87	**Aquaspirillum putridiconchylium**	GN-NENT	A	BUG+B	Air	30-33
88	**Avibacterium avium**	GN-FAS	C2	CHOC	6.5%CO2	33-37
89	**Avibacterium gallinarum (formerly Pasteurella)**	GN-FAS	A	BUG+B	6.5%CO2	33-37
90	**Avibacterium paragallinarum**	GN-FAS	C2	CHOC	6.5%CO2	33-37
91	**Avibacterium volantium (formerly Pasteurella)**	GN-FAS	A	BUG+B	6.5%CO2	33-37
92	**Azospirillum brasilense**	GN-NENT	A	BUG+B	Air	30-33
93	**Bergeriella denitrificans**	GN-FAS	C2	CHOC	6.5%CO2	33-37
94	**Bergeyella zoohelcum**	GN-NENT	A	BUG+B	Air	30-33
95	**Bibersteinia trehalosi (formerly Pasteurella)**	GN-FAS	C2	BUG+B	6.5%CO2	33-37
96	**Bordetella avium**	GN-FAS	C2	BUG+B	6.5%CO2	33-37
97	**Bordetella bronchiseptica**	GN-FAS	C2	BUG+B	6.5%CO2	33-37
98	**Bordetella hinzii**	GN-FAS	C2	BUG+B	6.5%CO2	33-37
99	**Bordetella holmesii**	GN-FAS	C2	BUG+B	6.5%CO2	33-37
100	**Bordetella parapertussis**	GN-FAS	C2	BUG+B	6.5%CO2	33-37
101	**Bordetella petrii**	GN-FAS	C2	BUG+B	6.5%CO2	33-37
102	**Bordetella trematum**	GN-FAS	C2	BUG+B	6.5%CO2	33-37
103	**Brachymonas denitrificans**	GN-NENT	A	BUG+B	Air	33
104	**Bradyrhizobium japonicum**	GN-NENT	A	BUG+B	Air	33
105	**Brenneria salicis**	GN-ENT	A	BUG	Air	30
106	**Brevundimonas diminuta**	GN-NENT	A	BUG+B	Air	33
107	**Brevundimonas vesicularis**	GN-NENT	A	BUG+B	Air	33
108	**Budvicia aquatica**	GN-ENT	A	BUG+B	Air	33
109	**Burkholderia ambifaria**	GN-NENT	A	BUG+B	Air	33
110	**Burkholderia andropogonis**	GN-NENT	A	BUG+B	Air	33
111	**Burkholderia anthina/caribensis**	GN-NENT	A	BUG+B	Air	33
112	**Burkholderia caledonica**	GN-NENT	A	BUG+B	Air	33
113	**Burkholderia caryophylli**	GN-NENT	A	BUG+B	Air	33
114	**Burkholderia cepacia**	GN-NENT	A	BUG+B	Air	33
115	**Burkholderia fungorum**	GN-NENT	A	BUG+B	Air	33
116	**Burkholderia gladioli**	GN-NENT	A	BUG+B	Air	33
117	**Burkholderia glathei**	GN-NENT	A	BUG+B	Air	33
118	**Burkholderia glumae**	GN-NENT	A	BUG+B	Air	33
119	**Burkholderia graminis**	GN-NENT	A	BUG+B	Air	33
120	**Burkholderia kururiensis**	GN-NENT	A	BUG+B	Air	33
121	**Burkholderia multivorans**	GN-NENT	A	BUG+B	Air	33
122	**Burkholderia phenazinium**	GN-NENT	A	BUG+B	Air	33
123	**Burkholderia plantarii**	GN-NENT	A	BUG+B	Air	33
124	**Burkholderia pyrrocinia**	GN-NENT	A	BUG+B	Air	33
125	**Burkholderia stabilis**	GN-NENT	A	BUG+B	Air	33
126	**Burkholderia terricola**	GN-NENT	A	BUG+B	Air	33
127	**Burkholderia vietnamiensis**	GN-NENT	A	BUG+B	Air	33
128	**Buttiauxella agrestis**	GN-ENT	A	BUG+B	Air	33
129	**Buttiauxella brennerae**	GN-ENT	A	BUG+B	Air	33
130	**Buttiauxella ferragutiae**	GN-ENT	A	BUG+B	Air	33
131	**Buttiauxella gaviniae**	GN-ENT	A	BUG+B	Air	33
132	**Buttiauxella izardii**	GN-ENT	A	BUG+B	Air	33
133	**Buttiauxella noackiae**	GN-ENT	A	BUG+B	Air	33
134	**Buttiauxella warmboldiae**	GN-ENT	A	BUG+B	Air	33
135	**Capnocytophaga canimorsus**	GN-FAS	C2	CHOC	6.5%CO2	33-37
136	**Capnocytophaga cynodegmi**	GN-FAS	C2	CHOC	6.5%CO2	33-37
137	**Capnocytophaga gingivalis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
138	**Capnocytophaga granulosa**	GN-FAS	C2	CHOC	6.5%CO2	33-37
139	**Capnocytophaga haemolytica**	GN-FAS	C2	CHOC	6.5%CO2	33-37

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	Species Name	Organism Type	Protocol	Medium	Medium Atm	Medium Temp
140	**Capnocytophaga ochracea/sputigena**	GN-FAS	C2	CHOC	6.5%CO2	33-37
141	**Cardiobacterium hominis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
142	**Cardiobacterium valvarum**	GN-FAS	C2	CHOC	6.5%CO2	33-37
143	**CDC group DF-3 (Capnocytophaga)**	GN-FAS	C2	CHOC	6.5%CO2	33-37
144	**CDC group EF-4 (Neisseria)**	GN-FAS	C2	CHOC	6.5%CO2	33-37
145	**CDC group II-E subgroup A**	GN-NENT	A	BUG+B	Air	33
146	**CDC group II-E subgroup B**	GN-NENT	A	BUG+B	Air	33
147	**CDC group II-H**	GN-NENT	A	BUG+B	Air	33
148	**Cedecea davisae**	GN-ENT	A	BUG+B	Air	33
149	**Cedecea lapagei**	GN-ENT	A	BUG+B	Air	33
150	**Cedecea neteri**	GN-ENT	A	BUG+B	Air	33
151	**Chromobacterium violaceum**	GN-NENT	A	BUG+B	Air	33
152	**Chryseobacterium balustinum**	GN-NENT	A	BUG+B	Air	33
153	**Chryseobacterium gleum /indologenes**	GN-NENT	A	BUG+B	Air	33
154	**Chryseobacterium indoltheticum**	GN-NENT	A	BUG+B	Air	33
155	**Chryseobacterium scophthalmum**	GN-NENT	A	BUG+B	Air	33
156	**Citrobacter amalonaticus**	GN-ENT	A	BUG+B	Air	33
157	**Citrobacter braakii**	GN-ENT	A	BUG+B	Air	33
158	**Citrobacter farmeri**	GN-ENT	A	BUG+B	Air	33
159	**Citrobacter freundii**	GN-ENT	A	BUG+B	Air	33
160	**Citrobacter gillenii**	GN-ENT	A	BUG+B	Air	33
161	**Citrobacter koseri/youngae**	GN-ENT	A	BUG+B	Air	33
162	**Citrobacter murliniae**	GN-ENT	A	BUG+B	Air	33
163	**Citrobacter rodentium**	GN-ENT	A	BUG+B	Air	33
164	**Citrobacter sedlakii**	GN-ENT	A	BUG+B	Air	33
165	**Citrobacter werkmanii**	GN-ENT	A	BUG+B	Air	33
166	**Cloacibacterium normanense**	GN-NENT	A	BUG+B	Air	33
167	**Collimonas fungivorans**	GN-NENT	A	BUG+B	Air	33
168	**Comamonas aquatica**	GN-NENT	A	BUG+B	Air	33
169	**Comamonas denitrificans**	GN-NENT	A	BUG+B	Air	33
170	**Comamonas kerstersii**	GN-NENT	A	BUG+B	Air	33
171	**Comamonas terrigena**	GN-NENT	A	BUG+B	Air	33
172	**Comamonas testosteroni**	GN-NENT	A	BUG+B	Air	33
173	**Conchiformibius steedae**	GN-FAS	C2	CHOC	6.5%CO2	33-37
174	**Cronobacter dublinensis ss dublinensis**	GN-ENT	A	BUG+B	Air	33
175	**Cronobacter dublinensis ss lactaridi**	GN-ENT	A	BUG+B	Air	33
176	**Cronobacter dublinensis ss lausanensis**	GN-ENT	A	BUG+B	Air	33
177	**Cronobacter genomospecies 1**	GN-ENT	A	BUG+B	Air	33
178	**Cronobacter malonaticus**	GN-ENT	A	BUG+B	Air	33
179	**Cronobacter muytjensii**	GN-ENT	A	BUG+B	Air	33
180	**Cronobacter sakazakii**	GN-ENT	A	BUG+B	Air	33
181	**Cronobacter turicensis**	GN-ENT	A	BUG+B	Air	33
182	**Cupriavidus campinensis**	GN-NENT	A	BUG+B	Air	33
183	**Cupriavidus gilardii**	GN-NENT	A	BUG+B	Air	33
184	**Cupriavidus necator**	GN-NENT	A	BUG+B	Air	33
185	**Cupriavidus pauculus**	GN-NENT	A	BUG+B	Air	33
186	**Cupriavidus taiwanensis**	GN-NENT	A	BUG+B	Air	33
187	**Delftia acidovorans**	GN-NENT	A	BUG+B	Air	33
188	**Delftia tsuruhatensis**	GN-NENT	A	BUG+B	Air	33
189	**Dickeya chrysanthemi**	GN-ENT	A	BUG+B	Air	33
190	**Dysgonomonas capnocytophagoides**	GN-FAS	C2	CHOC	6.5%CO2	33-37
191	**Edwardsiella hoshinae**	GN-ENT	A	BUG+B	Air	33
192	**Edwardsiella ictaluri**	GN-ENT	A	BUG	Air	30
193	**Edwardsiella tarda**	GN-ENT	A	BUG+B	Air	33
194	**Eikenella corrodens**	GN-FAS	C2	CHOC	6.5%CO2	33-37
195	**Elizabethkingia meningoseptica**	GN-NENT	A	BUG+B	Air	33
196	**Empedobacter brevis**	GN-NENT	A	BUG+B	Air	33
197	**Ensifer meliloti**	GN-NENT	A	BUG	Air	30
198	**Enterobacter aerogenes (Klebsiella mobilis)**	GN-ENT	A	BUG+B	Air	33
199	**Enterobacter amnigenus**	GN-ENT	A	BUG+B	Air	33
200	**Enterobacter asburiae**	GN-ENT	A	BUG+B	Air	33
201	**Enterobacter cancerogenus**	GN-ENT	A	BUG+B	Air	33
202	**Enterobacter cloacae ss cloacae**	GN-ENT	A	BUG+B	Air	33
203	**Enterobacter cloacae ss dissolvens**	GN-ENT	A	BUG+B	Air	33
204	**Enterobacter cowanii**	GN-ENT	A	BUG+B	Air	33
205	**Enterobacter gergoviae**	GN-ENT	A	BUG+B	Air	33
206	**Enterobacter helveticus**	GN-ENT	A	BUG+B	Air	33
207	**Enterobacter hormaechei**	GN-ENT	A	BUG+B	Air	33
208	**Enterobacter kobei**	GN-ENT	A	BUG+B	Air	33
209	**Enterobacter nimipressuralis**	GN-ENT	A	BUG+B	Air	33
210	**Enterobacter pulveris**	GN-ENT	A	BUG+B	Air	33
211	**Enterobacter turicensis**	GN-ENT	A	BUG+B	Air	33

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	Species Name	Organism Type	Protocol	Medium	Medium Atm	Medium Temp
212	**Erwinia amylovora**	GN-ENT	A	BUG	Air	30
213	**Escherichia albertii**	GN-ENT	A	BUG+B	Air	33
214	**Escherichia blattae**	GN-ENT	A	BUG+B	Air	33
215	**Escherichia coli**	GN-ENT	A	BUG+B	Air	33
216	**Escherichia coli inactive**	GN-ENT	A	BUG+B	Air	33
217	**Escherichia coli O157:H7**	GN-ENT	A	BUG+B	Air	33
218	**Escherichia fergusonii**	GN-ENT	A	BUG+B	Air	33
219	**Escherichia hermannii**	GN-ENT	A	BUG+B	Air	33
220	**Escherichia vulneris**	GN-ENT	A	BUG+B	Air	33
221	**Ewingella americana**	GN-ENT	A	BUG+B	Air	33
222	**Flavimonas oryzihabitans**	GN-NENT	A	BUG+B	Air	33
223	**Flavobacterium aquatile**	GN-NENT	A	BUG+B	Air	33
224	**Flavobacterium columnare**	GN-NENT	A	BUG+B	Air	33
225	**Flavobacterium flevense**	GN-NENT	A	BUG+B	Air	33
226	**Flavobacterium hydatis**	GN-NENT	B	BUG+B	Air	26
227	**Flavobacterium johnsoniae**	GN-NENT	A	BUG+B	Air	33
228	**Flavobacterium mizutaii**	GN-NENT	A	BUG+B	Air	33
229	**Flavobacterium mizutaii-like (CDC group II-I)**	GN-NENT	A	BUG+B	Air	33
230	**Flavobacterium resinovorum**	GN-NENT	A	BUG+B	Air	33
231	**Flavobacterium tirrenicum**	GN-NENT	A	BUG+B	Air	33
232	**Francisella philomiragia**	GN-FAS	C2	CHOC	6.5%CO2	33-37
233	**Gallibacterium anatis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
234	**Gallibacterium genospecies 1**	GN-FAS	C2	CHOC	6.5%CO2	33-37
235	**Grimontia hollisae**	GN-NENT	A	BUG+B	Air	26
236	**Haemophilus aegyptius**	GN-FAS	C2	CHOC	6.5%CO2	33-37
237	**Haemophilus aphrophilus**	GN-FAS	C2	CHOC	6.5%CO2	33-37
238	**Haemophilus ducreyi**	GN-FAS	C2	CHOC	6.5%CO2	33-37
239	**Haemophilus felis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
240	**Haemophilus haemoglobinophilus**	GN-FAS	C2	CHOC	6.5%CO2	33-37
241	**Haemophilus haemolyticus**	GN-FAS	C2	CHOC	6.5%CO2	33-37
242	**Haemophilus influenzae**	GN-FAS	C2	CHOC	6.5%CO2	33-37
243	**Haemophilus intermedius ss intermedius**	GN-FAS	C2	CHOC	6.5%CO2	33-37
244	**Haemophilus paracuniculus**	GN-FAS	C2	CHOC	6.5%CO2	33-37
245	**Haemophilus parahaemolyticus**	GN-FAS	C2	CHOC	6.5%CO2	33-37
246	**Haemophilus parainfluenzae**	GN-FAS	C2	CHOC	6.5%CO2	33-37
247	**Haemophilus paraphrohaemolyticus**	GN-FAS	C2	CHOC	6.5%CO2	33-37
248	**Haemophilus parasuis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
249	**Hafnia alvei**	GN-ENT	A	BUG+B	Air	33
250	**Herbaspirillum frisingense**	GN-NENT	A	BUG+B	Air	33
251	**Herbaspirillum huttiense**	GN-NENT	A	BUG+B	Air	33
252	**Herbaspirillum rubrisubalbicans**	GN-NENT	A	BUG+B	Air	33
253	**Herbaspirillum seropedicae**	GN-NENT	A	BUG+B	Air	33
254	**Histophilus somnus**	GN-FAS	C2	CHOC	6.5%CO2	33-37
255	**Hydrogenophaga palleronii**	GN-NENT	A	BUG+B	Air	26
256	**Hydrogenophaga taeniospiralis**	GN-NENT	B	BUG+B	Air	26
257	**Inquilinus limosus A**	GN-NENT	A	BUG+B	Air	33
258	**Inquilinus limosus B**	GN-NENT	A	BUG+B	Air	33
259	**Iodobacter fluviatilis**	GN-NENT	A	BUG+B	Air	33
260	**Janthinobacterium lividum**	GN-NENT	A	BUG+B	Air	26
261	**Kerstersia gyiorum**	GN-NENT	A	BUG+B	Air	33
262	**Kingella denitirificans**	GN-FAS	C2	CHOC	6.5%CO2	33-37
263	**Kingella kingae**	GN-FAS	C2	CHOC	6.5%CO2	33-37
264	**Kingella oralis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
265	**Klebsiella oxytoca**	GN-ENT	A	BUG+B	Air	33
266	**Klebsiella pneumoniae ss ozaenae**	GN-ENT	A	BUG+B	Air	33
267	**Klebsiella pneumoniae ss pneumoniae**	GN-ENT	A	BUG+B	Air	33
268	**Klebsiella pneumoniae ss rhinoscleromatis**	GN-ENT	A	BUG+B	Air	33
269	**Kluyvera ascorbata**	GN-ENT	A	BUG+B	Air	33
270	**Kluyvera cryocrescens**	GN-ENT	A	BUG+B	Air	33
271	**Kluyvera georgiana**	GN-ENT	A	BUG+B	Air	33
272	**Kluyvera intermedia**	GN-ENT	A	BUG+B	Air	33
273	**Lampropedia hyalina**	GN-NENT	A	BUG+B	Air	33
274	**Lautropia mirabilis**	GN-NENT	A	BUG+B	Air	33
275	**Leclercia adecarboxylata**	GN-ENT	A	BUG+B	Air	33
276	**Leminorella grimontii**	GN-ENT	A	BUG+B	Air	33
277	**Leminorella richardii**	GN-ENT	A	BUG+B	Air	33
278	**Listonella anguillarum**	GN-NENT	A	BUG+B	Air	33
279	**Listonella pelagia**	GN-NENT	A	BUG+B	Air	33
280	**Malikia spinosa**	GN-NENT	A	BUG+B	Air	33
281	**Mannheimia glucosida**	GN-NENT	A	BUG+B	Air	33
282	**Mannheimia granulomatis**	GN-NENT	A	BUG+B	Air	33
283	**Mannheimia haemolytica**	GN-NENT	A	BUG+B	Air	33

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	Species Name	Organism Type	Protocol	Medium	Medium Atm	Medium Temp
284	**Mannheimia ruminalis**	GN-NENT	A	BUG+B	Air	33
285	**Mannheimia varigena**	GN-NENT	A	BUG+B	Air	33
286	**Massilia timonae**	GN-NENT	A	BUG+B	Air	33
287	**Methylobacterium extorquens**	GN-NENT	C2	R2A	Air	30
288	**Methylobacterium fujisawaense**	GN-NENT	C2	R2A	Air	30
289	**Methylobacterium radiotolerans**	GN-NENT	C2	R2A	Air	30
290	**Methylobacterium rhodinum**	GN-NENT	C2	R2A	Air	30
291	**Microvirgula aerodenitrificans**	GN-NENT	A	BUG+B	Air	33
292	**Moellerella wisconsensis**	GN-ENT	A	BUG+B	Air	33
293	**Moraxella bovis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
294	**Moraxella canis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
295	**Moraxella caprae**	GN-FAS	C2	CHOC	6.5%CO2	33-37
296	**Moraxella catarrhalis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
297	**Moraxella caviae**	GN-FAS	C2	CHOC	6.5%CO2	33-37
298	**Moraxella cuniculi**	GN-FAS	C2	CHOC	6.5%CO2	33-37
299	**Moraxella equi**	GN-FAS	C2	CHOC	6.5%CO2	33-37
300	**Moraxella lacunata**	GN-FAS	C2	CHOC	6.5%CO2	33-37
301	**Moraxella lincolnii**	GN-FAS	C2	CHOC	6.5%CO2	33-37
302	**Moraxella nonliquefaciens**	GN-FAS	C2	CHOC	6.5%CO2	33-37
303	**Moraxella osloensis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
304	**Moraxella ovis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
305	**Morganella morganii ss morganii**	GN-ENT	A	BUG+B	Air	33
306	**Morganella morganii ss sibonii**	GN-ENT	A	BUG+B	Air	33
307	**Myroides odoratimimus**	GN-NENT	A	BUG+B	Air	33
308	**Myroides odoratus**	GN-NENT	A	BUG+B	Air	33
309	**Neisseria animalis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
310	**Neisseria animaloris**	GN-FAS	C2	CHOC	6.5%CO2	33-37
311	**Neisseria canis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
312	**Neisseria cinerea**	GN-FAS	C2	CHOC	6.5%CO2	33-37
313	**Neisseria elongata ss elongata**	GN-FAS	C2	CHOC	6.5%CO2	33-37
314	**Neisseria flava**	GN-FAS	C2	CHOC	6.5%CO2	33-37
315	**Neisseria flavescens**	GN-FAS	C2	CHOC	6.5%CO2	33-37
316	**Neisseria gonorrhoeae**	GN-FAS	C2	CHOC	6.5%CO2	33-37
317	**Neisseria lactamica**	GN-FAS	C2	CHOC	6.5%CO2	33-37
318	**Neisseria meningitidis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
319	**Neisseria mucosa**	GN-FAS	C2	CHOC	6.5%CO2	33-37
320	**Neisseria perflava**	GN-FAS	C2	CHOC	6.5%CO2	33-37
321	**Neisseria sicca**	GN-FAS	C2	CHOC	6.5%CO2	33-37
322	**Neisseria subflava**	GN-FAS	C2	CHOC	6.5%CO2	33-37
323	**Neisseria weaveri**	GN-FAS	C2	CHOC	6.5%CO2	33-37
324	**Obesumbacterium proteus**	GN-ENT	A	BUG+B	Air	33
325	**Obesumbacterium proteus biogroup 2**	GN-ENT	A	BUG+B	Air	33
326	**Oceanimonas doudoroffii**	GN-NENT	A	BUG+B	Air	33
327	**Ochrobactrum anthropi**	GN-NENT	A	BUG+B	Air	33
328	**Ochrobactrum grignonense**	GN-NENT	A	BUG+B	Air	33
329	**Ochrobactrum intermedium**	GN-NENT	A	BUG+B	Air	33
330	**Ochrobactrum tritici**	GN-NENT	A	BUG+B	Air	33
331	**Oligella ureolytica**	GN-FAS	C2	CHOC	6.5%CO2	33-37
332	**Oligella urethralis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
333	**Ornithobacterium rhinotracheale**	GN-NENT	C2	BUG+B	Air	33
334	**Pandoraea apista**	GN-NENT	A	BUG+B	Air	33
335	**Pandoraea norimbergensis**	GN-NENT	A	BUG+B	Air	33
336	**Pandoraea pnomenusa**	GN-NENT	A	BUG+B	Air	33
337	**Pandoraea pulmonicola**	GN-NENT	A	BUG+B	Air	33
338	**Pandoraea sputorum**	GN-NENT	A	BUG+B	Air	33
339	**Pantoea agglomerans**	GN-ENT	A	BUG+B	Air	33
340	**Pantoea agglomerans bgp 2**	GN-ENT	A	BUG+B	Air	33
341	**Pantoea agglomerans bgp 3**	GN-ENT	A	BUG+B	Air	33
342	**Pantoea agglomerans bgp 4**	GN-ENT	A	BUG+B	Air	33
343	**Pantoea agglomerans bgp 5**	GN-ENT	A	BUG+B	Air	33
344	**Pantoea agglomerans bgp 6**	GN-ENT	A	BUG	Air	30
345	**Pantoea agglomerans bgp 7**	GN-ENT	A	BUG+B	Air	33
346	**Pantoea citrea**	GN-ENT	A	BUG	Air	30
347	**Pantoea dispersa**	GN-ENT	A	BUG	Air	30
348	**Pantoea punctata**	GN-ENT	A	BUG	Air	30
349	**Pantoea terrea**	GN-ENT	A	BUG	Air	30
350	**Paracoccus yeei**	GN-NENT	A	BUG+B	Air	33
351	**Pasteurella aerogenes**	GN-NENT	A	BUG+B	Air	33-37
352	**Pasteurella bettyae**	GN-NENT	A	BUG+B	Air	33-37
353	**Pasteurella caballi**	GN-NENT	A	BUG+B	Air	33-37
354	**Pasteurella canis/stomatis**	GN-NENT	A	BUG+B	Air	33-37

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	Species Name	Type	Protocol	Medium	Atm	Temp
355	**Pasteurella dagmatis**	GN-NENT	A	BUG+B	Air	33-37
356	**Pasteurella langaaensis**	GN-NENT	A	BUG+B	Air	33-37
357	**Pasteurella lymphangitidis**	GN-NENT	C2	BUG+B	Air	33-37
358	**Pasteurella mairii**	GN-NENT	C2	BUG+B	Air	33-37
359	**Pasteurella multocida ss multocida**	GN-NENT	A	BUG+B	Air	33-37
360	**Pasteurella pneumotropica**	GN-NENT	A	BUG+B	Air	33-37
361	**Pasteurella testudinis**	GN-NENT	A	BUG+B	Air	33-37
362	**Pectobacterium atrosepticum**	GN-ENT	A	BUG	Air	30
363	**Pectobacterium betavasculorum**	GN-ENT	A	BUG	Air	30
364	**Pectobacterium carotovorum ss carotovorum**	GN-ENT	A	BUG	Air	30
365	**Pectobacterium cypripedii**	GN-ENT	A	BUG	Air	30
366	**Pedobacter heparinus**	GN-NENT	A	BUG	Air	30
367	**Photobacterium angustum**	GN-NENT	A	BUG+B	Air	26
368	**Photobacterium damselae ss damselae**	GN-NENT	A	BUG+B	Air	30
369	**Photobacterium leiognathi**	GN-NENT	A	BUG+B	Air	33
370	**Photorhabdus luminescens ss luminescens**	GN-ENT	A	BUG	Air	30
371	**Phyllobacterium myrsinacearum**	GN-NENT	A	BUG+B	Air	33
372	**Plesiomonas shigelloides**	GN-NENT	A	BUG+B	Air	33
373	**Pragia fontium**	GN-ENT	A	BUG+B	Air	33
374	**Proteus hauseri**	GN-ENT	A	BUG+B	Air	33
375	**Proteus mirabilis**	GN-ENT	A	BUG+B	Air	33
376	**Proteus myxofaciens**	GN-ENT	A	BUG+B	Air	33
377	**Proteus penneri/vulgaris**	GN-ENT	A	BUG+B	Air	33
378	**Providencia alcalifaciens**	GN-ENT	A	BUG+B	Air	33
379	**Providencia heimbachae**	GN-ENT	A	BUG+B	Air	33
380	**Providencia rettgeri**	GN-ENT	A	BUG+B	Air	33
381	**Providencia rustigianii**	GN-ENT	A	BUG+B	Air	33
382	**Providencia stuartii**	GN-ENT	A	BUG+B	Air	33
383	**Pseudomonas aeruginosa**	GN-NENT	A	BUG+B	Air	33
384	**Pseudomonas agarici**	GN-NENT	A	BUG+B	Air	33
385	**Pseudomonas alcaligenes**	GN-NENT	A	BUG+B	Air	33
386	**Pseudomonas asplenii**	GN-NENT	A	BUG+B	Air	33
387	**Pseudomonas bathycetes**	GN-NENT	A	BUG+B	Air	33
388	**Pseudomonas caricapapayae**	GN-NENT	A	BUG	Air	30
389	**Pseudomonas chlororaphis ss aurantiaca**	GN-NENT	A	BUG+B	Air	33
390	**Pseudomonas cichorii**	GN-NENT	A	BUG	Air	30
391	**Pseudomonas citronellolis**	GN-NENT	A	BUG+B	Air	33
392	**Pseudomonas corrugata**	GN-NENT	A	BUG+B	Air	33
393	**Pseudomonas fluorescens**	GN-NENT	A	BUG+B	Air	33
394	**Pseudomonas fluorescens biotype A**	GN-NENT	A	BUG+B	Air	33
395	**Pseudomonas fluorescens biotype C**	GN-NENT	A	BUG+B	Air	33
396	**Pseudomonas fluorescens biotype F**	GN-NENT	A	BUG+B	Air	33
397	**Pseudomonas fluorescens biotype G**	GN-NENT	A	BUG+B	Air	33
398	**Pseudomonas fragi**	GN-NENT	A	BUG+B	Air	33
399	**Pseudomonas fulva**	GN-NENT	A	BUG+B	Air	33
400	**Pseudomonas fuscovaginae**	GN-NENT	A	BUG+B	Air	33
401	**Pseudomonas lundensis**	GN-NENT	A	BUG+B	Air	33
402	**Pseudomonas luteola**	GN-NENT	A	BUG+B	Air	33
403	**Pseudomonas maculicola**	GN-NENT	A	BUG+B	Air	33
404	**Pseudomonas marginalis**	GN-NENT	A	BUG+B	Air	33
405	**Pseudomonas mendocina**	GN-NENT	A	BUG+B	Air	33
406	**Pseudomonas mephitica**	GN-NENT	A	BUG+B	Air	33
407	**Pseudomonas mucidolens**	GN-NENT	A	BUG+B	Air	33
408	**Pseudomonas nitroreducens/azelaica**	GN-NENT	A	BUG+B	Air	33
409	**Pseudomonas oleovorans**	GN-NENT	A	BUG+B	Air	33
410	**Pseudomonas pertucinogena**	GN-NENT	A	BUG+B	Air	33
411	**Pseudomonas pseudoalcaligenes ss pseudoalcaligenes**	GN-NENT	A	BUG+B	Air	33
412	**Pseudomonas putida**	GN-NENT	A	BUG+B	Air	33
413	**Pseudomonas putida biotype A**	GN-NENT	A	BUG+B	Air	33
414	**Pseudomonas putida biotype B**	GN-NENT	A	BUG+B	Air	33
415	**Pseudomonas resinovorans**	GN-NENT	A	BUG+B	Air	33
416	**Pseudomonas savastanoi pv fraxini**	GN-NENT	A	BUG	Air	30
417	**Pseudomonas savastanoi pv nerii**	GN-NENT	A	BUG	Air	30
418	**Pseudomonas straminea**	GN-NENT	A	BUG+B	Air	33
419	**Pseudomonas stutzeri**	GN-NENT	A	BUG+B	Air	33
420	**Pseudomonas synxantha**	GN-NENT	A	BUG+B	Air	33
421	**Pseudomonas syringae pv aceris**	GN-NENT	A	BUG	Air	30
422	**Pseudomonas syringae pv antirrhini**	GN-NENT	A	BUG	Air	30
423	**Pseudomonas syringae pv aptata**	GN-NENT	A	BUG	Air	30
424	**Pseudomonas syringae pv atrofaciens**	GN-NENT	A	BUG	Air	30
425	**Pseudomonas syringae pv delphinii**	GN-NENT	A	BUG	Air	30
426	**Pseudomonas syringae pv glycinea**	GN-NENT	A	BUG	Air	30
427	**Pseudomonas syringae pv helianthi**	GN-NENT	A	BUG	Air	30

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	Species Name	Organism Type	Protocol	Medium	Medium Atm	Medium Temp
428	**Pseudomonas syringae pv lachrymans**	GN-NENT	A	BUG	Air	30
429	**Pseudomonas syringae pv phaseolicola**	GN-NENT	A	BUG	Air	30
430	**Pseudomonas syringae pv pisi**	GN-NENT	A	BUG	Air	30
431	**Pseudomonas syringae pv porri**	GN-NENT	A	BUG	Air	30
432	**Pseudomonas syringae pv primulae**	GN-NENT	A	BUG	Air	30
433	**Pseudomonas syringae pv syringae**	GN-NENT	A	BUG	Air	30
434	**Pseudomonas syringae pv tabaci A**	GN-NENT	A	BUG	Air	30
435	**Pseudomonas syringae pv tabaci B**	GN-NENT	A	BUG	Air	30
436	**Pseudomonas syringae pv tomato**	GN-NENT	A	BUG	Air	30
437	**Pseudomonas taetrolens**	GN-NENT	A	BUG+B	Air	33
438	**Pseudomonas tolaasii**	GN-NENT	A	BUG+B	Air	33
439	**Pseudomonas viridiflava**	GN-NENT	A	BUG	Air	30
440	**Pseudomonas viridilivida**	GN-NENT	A	BUG	Air	30
441	**Psychrobacter immobilis**	GN-NENT	A	BUG+B	Air	33
442	**Psychrobacter phenylpyruvicus**	GN-NENT	A	BUG+B	Air	33
443	**Rahnella aquatilis**	GN-ENT	A	BUG+B	Air	33
444	**Ralstonia insidiosa**	GN-NENT	A	BUG+B	Air	33
445	**Ralstonia mannitolilytica**	GN-NENT	A	BUG+B	Air	33
446	**Ralstonia pickettii**	GN-NENT	A	BUG+B	Air	33
447	**Ralstonia solanacearum**	GN-NENT	A	BUG+B	Air	33
448	**Raoultella planticola/ornithinolytica**	GN-ENT	A	BUG+B	Air	33
449	**Raoultella terrigena**	GN-ENT	A	BUG+B	Air	33
450	**Rhizobium radiobacter**	GN-NENT	A	BUG	Air	30
451	**Rhizobium rhizogenes**	GN-NENT	A	BUG	Air	30
452	**Rhizobium vitis (bv 3)**	GN-NENT	A	BUG	Air	30
453	**Riemerella anatipestifer**	GN-NENT	A	BUG+B	Air	33
454	**Riemerella columbina**	GN-NENT	A	BUG+B	Air	33
455	**Roseomonas cervicalis**	GN-NENT	A	BUG+B	Air	33
456	**Roseomonas genomospecies 4**	GN-NENT	A	BUG+B	Air	33
457	**Roseomonas genomospecies 5**	GN-NENT	A	BUG+B	Air	33
458	**Roseomonas gilardii ss gilardii**	GN-NENT	A	BUG+B	Air	33
459	**Salmonella bongori (gp 5)**	GN-ENT	A	BUG+B	Air	33
460	**Salmonella enterica (gp 1)**	GN-ENT	A	BUG+B	Air	33
461	**Salmonella enterica (gp 1) choleraesuis**	GN-ENT	A	BUG+B	Air	33
462	**Salmonella enterica (gp 1) gallinarum**	GN-ENT	A	BUG+B	Air	33
463	**Salmonella enterica (gp 1) paratyphi A**	GN-ENT	A	BUG+B	Air	33
464	**Salmonella enterica (gp 1) paratyphi B**	GN-ENT	A	BUG+B	Air	33
465	**Salmonella enterica (gp 1) paratyphi C**	GN-ENT	A	BUG+B	Air	33
466	**Salmonella enterica (gp 1) pullorum**	GN-ENT	A	BUG+B	Air	33
467	**Salmonella enterica (gp 1) typhi**	GN-ENT	A	BUG+B	Air	33
468	**Salmonella enterica (gp 1) typhimurium**	GN-ENT	A	BUG+B	Air	33
469	**Salmonella enterica (gp 2) ss salamae**	GN-ENT	A	BUG+B	Air	33
470	**Salmonella enterica (gp 3A) ss arizonae**	GN-ENT	A	BUG+B	Air	35
471	**Salmonella enterica (gp 3B) ss diarizonae**	GN-ENT	A	BUG+B	Air	33
472	**Salmonella enterica (gp 4) ss houtenae**	GN-ENT	A	BUG+B	Air	33
473	**Salmonella enterica (gp 6) ss indica**	GN-ENT	A	BUG+B	Air	33
474	**Serpens flexibilis**	GN-NENT	A	BUG+B	Air	33
475	**Serratia entomophila**	GN-ENT	A	BUG+B	Air	33
476	**Serratia ficaria**	GN-ENT	A	BUG+B	Air	33
477	**Serratia fonticola**	GN-ENT	A	BUG+B	Air	33
478	**Serratia liquefaciens/grimesii**	GN-ENT	A	BUG+B	Air	33
479	**Serratia marcescens ss marcescens**	GN-ENT	A	BUG+B	Air	33
480	**Serratia odorifera**	GN-ENT	A	BUG+B	Air	33
481	**Serratia plymuthica**	GN-ENT	A	BUG+B	Air	33
482	**Serratia proteamaculans**	GN-ENT	A	BUG+B	Air	33
483	**Serratia rubidaea**	GN-ENT	A	BUG+B	Air	33
484	**Shewanella algae**	GN-NENT	A	BUG+B	Air	33
485	**Shewanella putrefaciens A**	GN-NENT	A	BUG+B	Air	33
486	**Shewanella putrefaciens B**	GN-NENT	A	BUG+B	Air	33
487	**Shigella boydii**	GN-ENT	A	BUG+B	Air	33
488	**Shigella dysenteriae**	GN-ENT	A	BUG+B	Air	33
489	**Shigella flexneri**	GN-ENT	A	BUG+B	Air	33
490	**Shigella sonnei**	GN-ENT	A	BUG+B	Air	33
491	**Simonsiella muelleri**	GN-FAS	C2	CHOC	6.5%CO2	33-37
492	**Simplicispira metamorpha**	GN-NENT	A	BUG+B	Air	33
493	**Sphingobacterium multivorum**	GN-NENT	A	BUG+B	Air	33
494	**Sphingobacterium spiritovorum**	GN-NENT	A	BUG+B	Air	33
495	**Sphingobacterium thalpophilum**	GN-NENT	A	BUG+B	Air	33
496	**Sphingomonas adhaesiva**	GN-NENT	A	BUG+B	Air	33
497	**Sphingomonas capsulata**	GN-NENT	A	BUG+B	Air	33
498	**Sphingomonas macrogoltabidus**	GN-NENT	A	BUG+B	Air	33
499	**Sphingomonas parapaucimobilis**	GN-NENT	A	BUG+B	Air	33

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	Species Name	Organism Type	Protocol	Medium	Medium Atm	Medium Temp
500	**Sphingomonas paucimobilis A**	GN-NENT	A	BUG+B	Air	33
501	**Sphingomonas paucimobilis B**	GN-NENT	A	BUG+B	Air	33
502	**Sphingomonas sanguinis**	GN-NENT	A	BUG+B	Air	33
503	**Sphingomonas terrae**	GN-NENT	A	BUG+B	Air	33
504	**Sphingomonas yanoikuyae**	GN-NENT	A	BUG+B	Air	33
505	**Stenotrophomonas acidaminiphila**	GN-NENT	A	BUG+B	Air	33
506	**Stenotrophomonas maltophilia**	GN-NENT	A	BUG+B	Air	33
507	**Stenotrophomonas rhizophilia**	GN-NENT	A	BUG+B	Air	33
508	**Suttonella indologenes**	GN-FAS	C2	CHOC	6.5%CO2	33-37
509	**Tatumella ptyseos**	GN-ENT	A	BUG+B	Air	33
510	**Taylorella equigenitalis**	GN-FAS	C2	CHOC	6.5%CO2	33-37
511	**Terrimonas ferruginea**	GN-NENT	A	BUG+B	Air	33
512	**Trabulsiella guamensis**	GN-ENT	A	BUG+B	Air	33
513	**Variovorax paradoxus**	GN-NENT	A	BUG+B	Air	33
514	**Vibrio aerogenes**	GN-NENT	A	BUG+B	Air	33
515	**Vibrio aestuarianus**	GN-NENT	A	BUG+B	Air	33
516	**Vibrio alginolyticus**	GN-NENT	A	BUG+B	Air	33
517	**Vibrio campbellii**	GN-NENT	A	BUG+B	Air	33
518	**Vibrio cholerae**	GN-NENT	B	BUG+B	Air	33
519	**Vibrio cholerae non O1**	GN-NENT	B	BUG+B	Air	33
520	**Vibrio cholerae O1/ATCC 25870**	GN-NENT	B	BUG+B	Air	33
521	**Vibrio cholerae O1/O139**	GN-NENT	B	BUG+B	Air	33
522	**Vibrio cincinnatiensis**	GN-NENT	A	BUG+B	Air	33
523	**Vibrio diazotrophicus**	GN-NENT	A	BUG+B	Air	33
524	**Vibrio fluvialis**	GN-NENT	A	BUG+B	Air	33
525	**Vibrio furnissii**	GN-NENT	A	BUG+B	Air	33
526	**Vibrio harveyi**	GN-NENT	A	BUG+B	Air	33
527	**Vibrio mediterranei**	GN-NENT	A	BUG+B	Air	33
528	**Vibrio metschnikovii**	GN-NENT	A	BUG+B	Air	33
529	**Vibrio mimicus**	GN-NENT	A	BUG+B	Air	33
530	**Vibrio natriegens**	GN-NENT	A	BUG+B	Air	33
531	**Vibrio ordalii**	GN-NENT	A	BUG+B	Air	33
532	**Vibrio parahaemolyticus**	GN-NENT	A	BUG+B	Air	33
533	**Vibrio proteolyticus**	GN-NENT	A	BUG+B	Air	33
534	**Vibrio splendidus**	GN-NENT	A	BUG+B	Air	26
535	**Vibrio tubiashii**	GN-NENT	A	BUG+B	Air	33
536	**Vibrio vulnificus**	GN-NENT	A	BUG+B	Air	33
537	**Vogesella indigofera**	GN-NENT	A	BUG+B	Air	33
538	**Weeksella virosa**	GN-NENT	A	BUG+B	Air	33
539	**Xanthomonas campestris pv begoniae A**	GN-NENT	A	BUG	Air	30
540	**Xanthomonas campestris pv begoniae B**	GN-NENT	A	BUG	Air	30
541	**Xanthomonas campestris pv campestris**	GN-NENT	A	BUG	Air	30
542	**Xanthomonas campestris pv carotae**	GN-NENT	A	BUG	Air	30
543	**Xanthomonas campestris pv dieffenbachiae**	GN-NENT	A	BUG	Air	30
544	**Xanthomonas campestris pv juglandis**	GN-NENT	A	BUG	Air	30
545	**Xanthomonas campestris pv malvacearum**	GN-NENT	A	BUG	Air	30
546	**Xanthomonas campestris pv pelargonii**	GN-NENT	A	BUG	Air	30
547	**Xanthomonas campestris pv phaseoli**	GN-NENT	A	BUG	Air	30
548	**Xanthomonas campestris pv poinsettiicola**	GN-NENT	A	BUG	Air	30
549	**Xanthomonas campestris pv raphani**	GN-NENT	A	BUG	Air	30
550	**Xanthomonas campestris pv translucens**	GN-NENT	A	BUG	Air	30
551	**Xanthomonas campestris pv vesicatoria**	GN-NENT	A	BUG	Air	30
552	**Xenorhabdus bovienii**	GN-ENT	A	BUG	Air	30
553	**Xenorhabdus nematophila**	GN-ENT	A	BUG	Air	30
554	**Yersinia aldovae**	GN-ENT	A	BUG+B	Air	33
555	**Yersinia bercovieri**	GN-ENT	A	BUG+B	Air	33
556	**Yersinia enterocolitica ss enterocolitica**	GN-ENT	A	BUG+B	Air	33
557	**Yersinia fredericksenii**	GN-ENT	A	BUG+B	Air	33
558	**Yersinia intermedia**	GN-ENT	A	BUG+B	Air	33
559	**Yersinia kristensenii**	GN-ENT	A	BUG+B	Air	33
560	**Yersinia mollaretii**	GN-ENT	A	BUG+B	Air	33
561	**Yersinia pseudotuberculosis**	GN-ENT	A	BUG+B	Air	33
562	**Yersinia rohdei**	GN-ENT	A	BUG+B	Air	33
563	**Yersinia ruckeri**	GN-ENT	A	BUG+B	Air	33
564	**Yokenella regensburgei**	GN-ENT	A	BUG+B	Air	33

Gram-Positive Aerobic Bacteria

	Species Name	Organism Type	Protocol	Medium	Medium Atm	Medium Temp
1	**Actinomyces bovis**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
2	**Actinomyces canis**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
3	**Actinomyces hordeovulneris**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
4	**Actinomyces hyovaginalis**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
5	**Actinomyces naeslundii**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
6	**Actinomyces neuii ss anitratus**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
7	**Actinomyces neuii ss neuii**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
8	**Actinomyces odontolyticus**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
9	**Aerococcus christensenii**	GP-COCCUS	C2	BUG+B	6.5%CO2	33-37
10	**Aerococcus sanguinicola**	GP-COCCUS	C2	BUG+B	6.5%CO2	33-37
11	**Aerococcus urinae**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
12	**Aerococcus urinaeequi**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
13	**Aerococcus urinaehominis**	GP-COCCUS	C2	BUG+B	6.5%CO2	33-37
14	**Aerococcus viridans**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
15	**Alloiococcus otitis**	GP-COCCUS	C2	BUG+B	6.5%CO2	33-37
16	**Aneurinibacillus aneurinilyticus**	GP-ROD SB	A	BUG+B	Air	33
17	**Arcanobacterium bernardiae (CDC.2)**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
18	**Arcanobacterium haemolyticum**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
19	**Arcanobacterium hippocoleae**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
20	**Arcanobacterium phocae**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
21	**Arcanobacterium pluranimalium**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
22	**Arcanobacterium pyogenes**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
23	**Arthrobacter cumminsii**	GP-ROD	A	BUG+B	Air	33
24	**Arthrobacter globiformis**	GP-ROD	A	BUG+B	Air	33
25	**Arthrobacter histidinolovorans**	GP-ROD	A	BUG+B	Air	33
26	**Arthrobacter ilicis**	GP-ROD	A	BUG+B	Air	33
27	**Arthrobacter nicotianae**	GP-ROD	A	BUG+B	Air	33
28	**Arthrobacter woluwensis**	GP-ROD	A	BUG+B	Air	33
29	**Arthrobacter xylinum**	GP-ROD	A	BUG+B	Air	33
30	**Bacillus amyloliquefaciens**	GP-ROD SB	A	BUG+B	Air	33
31	**Bacillus atrophaeus**	GP-ROD SB	A	BUG+B	Air	33
32	**Bacillus badius**	GP-ROD SB	A	BUG+B	Air	33
33	**Bacillus cereus/thuringiensis**	GP-ROD SB	B	BUG+B	Air	33
34	**Bacillus circulans**	GP-ROD SB	A	BUG+B	Air	33
35	**Bacillus clausii**	GP-ROD SB	A	BUG+B	Air	33
36	**Bacillus coagulans**	GP-ROD SB	A	BUG+B	Air	33
37	**Bacillus cohnii**	GP-ROD SB	B	BUG+B	Air	33
38	**Bacillus firmus**	GP-ROD SB	A	BUG+B	Air	33
39	**Bacillus flexus**	GP-ROD SB	B	BUG+B	Air	33
40	**Bacillus gibsonii**	GP-ROD SB	A	BUG+B	Air	33
41	**Bacillus halodurans**	GP-ROD SB	A	BUG+B	Air	33
42	**Bacillus horikoshii**	GP-ROD SB	A	BUG+B	Air	33
43	**Bacillus humi**	GP-ROD SB	A	BUG+B	Air	33
44	**Bacillus lentus**	GP-ROD SB	A	BUG+B	Air	26
45	**Bacillus licheniformis**	GP-ROD SB	A	BUG+B	Air	33
46	**Bacillus maroccanus**	GP-ROD SB	B	BUG+B	Air	33
47	**Bacillus megaterium**	GP-ROD SB	B	BUG+B	Air	33
48	**Bacillus mycoides**	GP-ROD SB	B	BUG+B	Air	33
49	**Bacillus niacini**	GP-ROD SB	B	BUG+B	Air	33
50	**Bacillus oleronius**	GP-ROD SB	A	BUG+B	Air	33
51	**Bacillus pseudofirmus**	GP-ROD SB	A	BUG+B	Air	33
52	**Bacillus pseudomycoides**	GP-ROD SB	A	BUG+B	Air	33
53	**Bacillus psychrodurans**	GP-ROD SB	A	BUG+B	Air	33
54	**Bacillus psychrosaccharolyticus**	GP-ROD SB	A	BUG+B	Air	26
55	**Bacillus psychrotolerans**	GP-ROD SB	A	BUG+B	Air	33
56	**Bacillus pumilus**	GP-ROD SB	A	BUG+B	Air	33
57	**Bacillus silvestris**	GP-ROD SB	A	BUG+B	Air	33
58	**Bacillus simplex**	GP-ROD SB	B	BUG+B	Air	33
59	**Bacillus subtilis ss spizizenii**	GP-ROD SB	A	BUG+B	Air	33
60	**Bacillus subtilis ss subtilis**	GP-ROD SB	A	BUG+B	Air	33
61	**Bacillus weihenstephanensis**	GP-ROD SB	A	BUG+B	Air	33
62	**Brevibacillus agri**	GP-ROD SB	A	BUG+B	Air	33
63	**Brevibacillus borstelensis**	GP-ROD SB	A	BUG+B	Air	33
64	**Brevibacillus brevis**	GP-ROD SB	A	BUG+B	Air	33
65	**Brevibacillus choshinensis**	GP-ROD SB	B	BUG+B	Air	33
66	**Brevibacillus invocatus**	GP-ROD SB	A	BUG+B	Air	33
67	**Brevibacillus laterosporus**	GP-ROD SB	A	BUG+B	Air	33
68	**Brevibacillus parabrevis**	GP-ROD SB	A	BUG+B	Air	33
69	**Brevibacterium casei**	GP-ROD	A	BUG+B	Air	33
70	**Brevibacterium epidermidis**	GP-ROD	A	BUG+B	Air	33

GEN III Database Species and Their Characteristics

	Species Name	Organism Type	Protocol	Medium	Medium Atm	Medium Temp
71	**Brevibacterium frigoritolerans**	GP-ROD	B	BUG+B	Air	33
72	**Brevibacterium halotolerans**	GP-ROD	A	BUG+B	Air	33
73	**Brevibacterium linens**	GP-ROD	A	BUG+B	Air	33
74	**Brevibacterium mcbrellneri**	GP-ROD	A	BUG+B	Air	33
75	**Brevibacterium otitidis**	GP-ROD	A	BUG+B	Air	33
76	**Brevibacterium paucivorans**	GP-ROD	A	BUG+B	Air	33
77	**Brochothrix campestris**	GP-ROD	A	BUG+B	Air	30
78	**Brochothrix thermosphacta**	GP-ROD	A	BUG+B	Air	30
79	**Carnobacterium alterfunditum**	GP-ROD	C2	BUG+B	Air	30
80	**Carnobacterium divergens**	GP-ROD	A	BUG+B	Air	30
81	**Carnobacterium gallinarum**	GP-ROD	A	BUG+B	Air	30
82	**Carnobacterium inhibens**	GP-ROD	C2	BUG+B	Air	30
83	**Carnobacterium maltaromaticum**	GP-ROD	A	BUG+B	Air	30
84	**Carnobacterium mobile**	GP-ROD	A	BUG+B	Air	30
85	**Cellulomonas biazotea**	GP-ROD	A	BUG+B	Air	30-33
86	**Cellulomonas cellasea**	GP-ROD	C1	BUG+B	Air	30-33
87	**Cellulomonas fimi**	GP-ROD	A	BUG+B	Air	30-33
88	**Cellulomonas flavigena**	GP-ROD	A	BUG+B	Air	30-33
89	**Cellulomonas gelida**	GP-ROD	A	BUG+B	Air	30-33
90	**Cellulomonas hominis (CDC.A-3)**	GP-ROD	A	BUG+B	Air	30-33
91	**Cellulomonas uda**	GP-ROD	A	BUG+B	Air	30-33
92	**Cellulosimicrobium cellulans**	GP-ROD	A	BUG+B	Air	30-33
93	**Clavibacter michiganensis ss insidiosus**	GP-ROD	A	BUG	Air	30
94	**Clavibacter michiganensis ss michiganensis**	GP-ROD	A	BUG	Air	30
95	**Clavibacter michiganensis ss nebraskensis**	GP-ROD	A	BUG	Air	30
96	**Clavibacter michiganensis ss sepedonicus**	GP-ROD	A	BUG	Air	30
97	**Clavibacter michiganensis ss tessellarius**	GP-ROD	A	BUG	Air	30
98	**Corynebacterium accolens**	GP-ROD	A	BUG+B	Air	33
99	**Corynebacterium afermentans ss afermentans(CDC.ANF-1)**	GP-ROD	A	BUG+B	Air	33
100	**Corynebacterium afermentans ss lipophilum**	GP-ROD	A	BUG+B	Air	33
101	**Corynebacterium ammoniagenes**	GP-ROD	A	BUG+B	Air	33
102	**Corynebacterium amycolatum (CDC.F-2)**	GP-ROD	A	BUG+B	Air	33
103	**Corynebacterium appendicis**	GP-ROD	A	BUG+B	Air	33
104	**Corynebacterium argentoratense**	GP-ROD	A	BUG+B	Air	33
105	**Corynebacterium aurimucosum**	GP-ROD	A	BUG+B	Air	33
106	**Corynebacterium auris**	GP-ROD	A	BUG+B	Air	33
107	**Corynebacterium auriscanis**	GP-ROD	A	BUG+B	Air	33
108	**Corynebacterium bovis**	GP-ROD	A	BUG+B	Air	33
109	**Corynebacterium callunae**	GP-ROD	A	BUG+B	Air	33
110	**Corynebacterium camporrealensis**	GP-ROD	A	BUG+B	Air	33
111	**Corynebacterium capitovis**	GP-ROD	A	BUG+B	Air	33
112	**Corynebacterium confusum**	GP-ROD	A	BUG+B	Air	33
113	**Corynebacterium coyleae**	GP-ROD	A	BUG+B	Air	33
114	**Corynebacterium cystitidis**	GP-ROD	C2	BUG+B	Air	33
115	**Corynebacterium diphtheriae**	GP-ROD	A	BUG+B	Air	33
116	**Corynebacterium durum**	GP-ROD	A	BUG+B	Air	33
117	**Corynebacterium efficiens**	GP-ROD	A	BUG+B	Air	33
118	**Corynebacterium falsenii**	GP-ROD	A	BUG+B	Air	33
119	**Corynebacterium felinum**	GP-ROD	A	BUG+B	Air	33
120	**Corynebacterium flavescens**	GP-ROD	A	BUG+B	Air	33
121	**Corynebacterium freneyi**	GP-ROD	A	BUG+B	Air	33
122	**Corynebacterium glucuronolyticum**	GP-ROD	A	BUG+B	Air	33
123	**Corynebacterium glutamicum**	GP-ROD	A	BUG+B	Air	33
124	**Corynebacterium imitans**	GP-ROD	A	BUG+B	Air	33
125	**Corynebacterium jeikeium**	GP-ROD	A	BUG+B	Air	33
126	**Corynebacterium kroppenstedtii**	GP-ROD	C2	BUG+B	Air	33
127	**Corynebacterium kutscheri**	GP-ROD	A	BUG+B	Air	33
128	**Corynebacterium lipophiloflavum**	GP-ROD	C1	BUG+B	Air	33
129	**Corynebacterium macginleyi**	GP-ROD	A	BUG+B	Air	33
130	**Corynebacterium mastitidis**	GP-ROD	A	BUG+B	Air	33
131	**Corynebacterium matruchotii**	GP-ROD	A	BUG+B	Air	33
132	**Corynebacterium minutissimum**	GP-ROD	A	BUG+B	Air	33
133	**Corynebacterium mucifaciens**	GP-ROD	A	BUG+B	Air	33
134	**Corynebacterium mycetoides**	GP-ROD	A	BUG+B	Air	33
135	**Corynebacterium phocae**	GP-ROD	A	BUG+B	Air	33
136	**Corynebacterium pilosum**	GP-ROD	C2	BUG+B	Air	33
137	**Corynebacterium pseudodiphtheriticum/propinquum (CDC.ANF-3)**	GP-ROD	A	BUG+B	Air	33
138	**Corynebacterium pseudotuberculosis**	GP-ROD	A	BUG+B	Air	33
139	**Corynebacterium renale**	GP-ROD	A	BUG+B	Air	33
140	**Corynebacterium riegelii**	GP-ROD	A	BUG+B	Air	33
141	**Corynebacterium seminale**	GP-ROD	A	BUG+B	Air	33

GEN III Database Species and Their Characteristics

	Species Name	Organism Type	Test	Medium	Medium Atm	Medium Temp
142	**Corynebacterium simulans**	GP-ROD	A	BUG+B	Air	33
143	**Corynebacterium singulare**	GP-ROD	A	BUG+B	Air	33
144	**Corynebacterium spheniscorum**	GP-ROD	A	BUG+B	Air	33
145	**Corynebacterium spp. (CDC.G)**	GP-ROD	A	BUG+B	Air	33
146	**Corynebacterium striatum (CDC.I-1)**	GP-ROD	A	BUG+B	Air	33
147	**Corynebacterium terpenotabidum**	GP-ROD	A	BUG+B	Air	33
148	**Corynebacterium testudinoris**	GP-ROD	A	BUG+B	Air	33
149	**Corynebacterium thomssenii**	GP-ROD	C1	BUG+B	Air	33
150	**Corynebacterium ulcerans**	GP-ROD	A	BUG+B	Air	33
151	**Corynebacterium urealyticum**	GP-ROD	A	BUG+B	Air	33
152	**Corynebacterium variabile**	GP-ROD	A	BUG+B	Air	33
153	**Corynebacterium vitaeruminis**	GP-ROD	A	BUG+B	Air	33
154	**Corynebacterium xerosis (GPC)**	GP-COCCUS	A	BUG+B	Air	33
155	**Curtobacterium albidum**	GP-ROD	A	BUG	Air	30
156	**Curtobacterium citreum**	GP-ROD	A	BUG	Air	30
157	**Curtobacterium flaccumfaciens**	GP-ROD	A	BUG	Air	30
158	**Curtobacterium luteum**	GP-ROD	A	BUG	Air	30
159	**Curtobacterium pusillum**	GP-ROD	A	BUG	Air	30
160	**Deinococcus proteolyticus**	GP-COCCUS	B	BUG+B	Air	30
161	**Deinococcus radiodurans**	GP-COCCUS	A	BUG+B	Air	30
162	**Deinococcus radiopugnans**	GP-COCCUS	A	BUG+B	Air	30
163	**Dermabacter hominis**	GP-ROD	A	BUG+B	Air	33
164	**Dermacoccus nishinomiyaensis**	GP-COCCUS	A	BUG+B	Air	33
165	**Dietzia maris**	GP-ROD	A	BUG+B	Air	33
166	**Dolosicoccus paucivorans**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
167	**Dolosigranulum pigrum**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
168	**Enterococcus asini**	GP-COCCUS	A	BUG+B	Air	33
169	**Enterococcus avium**	GP-COCCUS	A	BUG+B	Air	33
170	**Enterococcus casseliflavus**	GP-COCCUS	A	BUG+B	Air	33
171	**Enterococcus cecorum**	GP-COCCUS	A	BUG+B	Air	33
172	**Enterococcus columbae**	GP-COCCUS	A	BUG+B	Air	33
173	**Enterococcus dispar**	GP-COCCUS	A	BUG+B	Air	33
174	**Enterococcus durans**	GP-COCCUS	A	BUG+B	Air	33
175	**Enterococcus faecalis**	GP-COCCUS	A	BUG+B	Air	33
176	**Enterococcus faecium**	GP-COCCUS	A	BUG+B	Air	33
177	**Enterococcus gallinarum**	GP-COCCUS	A	BUG+B	Air	33
178	**Enterococcus gilvus**	GP-COCCUS	A	BUG+B	Air	33
179	**Enterococcus haemoperoxidus**	GP-COCCUS	A	BUG+B	Air	33
180	**Enterococcus hirae**	GP-COCCUS	A	BUG+B	Air	33
181	**Enterococcus malodoratus**	GP-COCCUS	A	BUG+B	Air	33
182	**Enterococcus mundtii**	GP-COCCUS	A	BUG+B	Air	33
183	**Enterococcus pallens**	GP-COCCUS	A	BUG+B	Air	33
184	**Enterococcus pseudoavium**	GP-COCCUS	C1	BUG+B	Air	33
185	**Enterococcus raffinosus**	GP-COCCUS	A	BUG+B	Air	33
186	**Enterococcus ratti**	GP-COCCUS	C2	BUG+B	Air	33
187	**Enterococcus saccharolyticus**	GP-COCCUS	A	BUG+B	Air	33
188	**Enterococcus sulfureus**	GP-COCCUS	A	BUG+B	Air	33
189	**Enterococcus villorum**	GP-COCCUS	A	BUG+B	Air	33
190	**Eremococcus coleocola**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
191	**Erysipelothrix rhusiopathiae/tonsillarum**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
192	**Exiguobacterium acetylicum**	GP-ROD	A	BUG+B	Air	33
193	**Exiguobacterium aurantiacum**	GP-ROD	A	BUG+B	Air	33
194	**Exiguobacterium undae**	GP-ROD	A	BUG+B	Air	33
195	**Gardnerella vaginalis**	GP-ROD	C2	CHOC	6.5%CO2	33-37
196	**Gemella bergeri**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
197	**Gemella cuniculi**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
198	**Gemella haemolysans/morbillorum**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
199	**Gemella palaticanis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
200	**Gemella sanguinis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
201	**Geobacillus stearothermophilus**	GP-ROD SB	A	BUG+B	Air	55
202	**Globicatella sanguinis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
203	**Gordonia aichiensis**	GP-ROD	A	BUG+B	Air	30
204	**Gordonia bronchialis**	GP-ROD	A	BUG+B	Air	30
205	**Gordonia rubripertincta**	GP-ROD	A	BUG+B	Air	30
206	**Gordonia sputi**	GP-ROD	A	BUG+B	Air	30
207	**Gordonia terrae**	GP-ROD	A	BUG+B	Air	30
208	**Granulicatell adiacens**	GP-COCCUS	C2	BUG+B	6.5%CO2	33-37
209	**Granulicatell elegans**	GP-COCCUS	C2	BUG+B	6.5%CO2	33-37
210	**Helcococcus kunzii**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
211	**Helcococcus ovis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
212	**Ignavigranum rouffiae**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
213	**Jonesia denitrificans**	GP-ROD	A	BUG+B	Air	33

GEN III Database Species and Their Characteristics

	Species Name	Organism Type	Protocol	Medium	Medium Atm	Medium Temp
214	**Kocuria kristinae**	GP-COCCUS	A	BUG+B	Air	33
215	**Kocuria rhizophila**	GP-COCCUS	A	BUG+B	Air	33
216	**Kocuria rosea**	GP-COCCUS	A	BUG+B	Air	33
217	**Kocuria varians**	GP-COCCUS	A	BUG+B	Air	33
218	**Kurthia gibsonii**	GP-ROD	A	BUG+B	Air	33
219	**Kurthia sibirica**	GP-ROD	A	BUG+B	Air	33
220	**Kurthia zopfii**	GP-ROD	A	BUG+B	Air	33
221	**Kytococcus schroeteri**	GP-COCCUS	A	BUG+B	Air	33
222	**Kytococcus sedentarius**	GP-COCCUS	A	BUG+B	Air	33
223	**Lactobacillus acidophilus**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
224	**Lactobacillus alimentarius**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
225	**Lactobacillus amylophilus**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
226	**Lactobacillus animalis**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
227	**Lactobacillus aviarius ss araffinosus**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
228	**Lactobacillus bifermentans**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
229	**Lactobacillus brevis**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
230	**Lactobacillus buchneri**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
231	**Lactobacillus casei**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
232	**Lactobacillus coryniformis ss coryniformis**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
233	**Lactobacillus coryniformis ss torquens**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
234	**Lactobacillus crispatus**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
235	**Lactobacillus curvatus**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
236	**Lactobacillus delbrueckii ss delbrueckii**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
237	**Lactobacillus delbrueckii ss lactis**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
238	**Lactobacillus farciminis**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
239	**Lactobacillus fermentum**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
240	**Lactobacillus fructivorans**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
241	**Lactobacillus gasseri**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
242	**Lactobacillus hamsteri**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
243	**Lactobacillus helveticus**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
244	**Lactobacillus jensenii**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
245	**Lactobacillus kefiri**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
246	**Lactobacillus mali**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
247	**Lactobacillus murinus**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
248	**Lactobacillus oris**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
249	**Lactobacillus parabuchneri**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
250	**Lactobacillus paracasei ss tolerans**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
251	**Lactobacillus pentosus**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
252	**Lactobacillus plantarum**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
253	**Lactobacillus reuteri**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
254	**Lactobacillus rhamnosus**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
255	**Lactobacillus sake**	GP-ROD	C2	BUG+B	6.5%CO2	33-37
256	**Lactobacillus salivarius ss salicinius**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
257	**Lactobacillus salivarius ss salivarius**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
258	**Lactobacillus vaginalis**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
259	**Lactococcus garvieae**	GP-COCCUS	A	BUG+B	6.5%CO2	33-37
260	**Lactococcus lactis ss cremoris**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
261	**Lactococcus lactis ss hordniae**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
262	**Lactococcus lactis ss lactis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
263	**Lactococcus plantarum**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
264	**Lactococcus raffinolactis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
265	**Leifsonia aquatica**	GP-ROD	A	BUG+B	Air	33
266	**Leifsonia poae**	GP-ROD	A	BUG+B	Air	33
267	**Leuconostoc carnosum**	GP-COCCUS	C2	BUG+B	Air	26
268	**Leuconostoc citreum**	GP-COCCUS	C1	BUG+B	Air	33
269	**Leuconostoc fallax**	GP-COCCUS	A	BUG+B	Air	33
270	**Leuconostoc gelidum**	GP-COCCUS	A	BUG+B	Air	33
271	**Leuconostoc lactis**	GP-COCCUS	C1	BUG+B	Air	33
272	**Leuconostoc mesenteroides ss cremoris**	GP-COCCUS	A	BUG+B	Air	33
273	**Leuconostoc mesenteroides ss dextranicum**	GP-COCCUS	A	BUG+B	Air	33
274	**Leuconostoc mesenteroides ss mesenteroides**	GP-COCCUS	A	BUG+B	Air	33
275	**Listeria grayi**	GP-ROD	A	BUG+B	Air	33
276	**Listeria innocua**	GP-ROD	A	BUG+B	Air	33
277	**Listeria ivanovii ss ivanovii**	GP-ROD	A	BUG+B	Air	33
278	**Listeria ivanovii ss londoniensis**	GP-ROD	A	BUG+B	Air	33
279	**Listeria monocytogenes**	GP-ROD	A	BUG+B	Air	33
280	**Listeria seeligeri**	GP-ROD	A	BUG+B	Air	33
281	**Listeria welshimeri**	GP-ROD	A	BUG+B	Air	33
282	**Lysinibacillus fusiformis**	GP-ROD SB	A	BUG+B	Air	33
283	**Lysinibacillus sphaericus**	GP-ROD SB	A	BUG+B	Air	33
284	**Macrococcus bovicus**	GP-COCCUS	A	BUG+B	Air	33
285	**Macrococcus carouselicus**	GP-COCCUS	A	BUG+B	Air	33

GEN III Database Species and Their Characteristics

	Species Name	Organism Type	Protocol	Medium	Medium Atm	Medium Temp
286	**Micrococcus caseolyticus**	GP-COCCUS	A	BUG+B	Air	33
287	**Micrococcus equipercicus**	GP-COCCUS	A	BUG+B	Air	33
288	**Microbacterium arborescens**	GP-ROD	A	BUG+B	Air	33
289	**Microbacterium barkeri**	GP-ROD	A	BUG+B	Air	33
290	**Microbacterium dextranolyticum**	GP-ROD	A	BUG+B	Air	33
291	**Microbacterium esteraromaticum**	GP-ROD	A	BUG+B	Air	33
292	**Microbacterium flavescens**	GP-ROD	C2	BUG+B	Air	33
293	**Microbacterium imperiale**	GP-ROD	A	BUG+B	Air	33
294	**Microbacterium lacticum**	GP-ROD	A	BUG+B	Air	33
295	**Microbacterium laevaniformans**	GP-ROD	A	BUG+B	Air	33
296	**Microbacterium liquefaciens**	GP-ROD	A	BUG+B	Air	33
297	**Microbacterium maritypicum**	GP-ROD	A	BUG+B	Air	33
298	**Microbacterium resistens**	GP-ROD	A	BUG+B	Air	33
299	**Microbacterium saperdae**	GP-ROD	A	BUG+B	Air	33
300	**Microbacterium spp. (CDC.A-4)**	GP-ROD	A	BUG+B	Air	33
301	**Microbacterium spp. (CDC.A-5)**	GP-ROD	A	BUG+B	Air	33
302	**Microbacterium terregens**	GP-ROD	A	BUG+B	Air	33
303	**Microbacterium testaceum**	GP-ROD	A	BUG+B	Air	33
304	**Micrococcus diversus**	GP-COCCUS	A	BUG+B	Air	33
305	**Micrococcus luteus A**	GP-COCCUS	A	BUG+B	Air	33
306	**Micrococcus luteus B**	GP-COCCUS	A	BUG+B	Air	33
307	**Micrococcus lylae**	GP-COCCUS	A	BUG+B	Air	33
308	**Nocardia abscessus**	GP-ROD	A	BUG+B	Air	33
309	**Nocardia asteriodes**	GP-ROD	A	BUG+B	Air	33
310	**Nocardia brasiliensis**	GP-ROD	A	BUG+B	Air	33
311	**Nocardia brevicatena**	GP-ROD	A	BUG+B	Air	33
312	**Nocardia farcinica**	GP-ROD	A	BUG+B	Air	33
313	**Nocardia nova**	GP-ROD	A	BUG+B	Air	33
314	**Nocardia otitidiscaviarum**	GP-ROD	B	BUG+B	Air	33
315	**Nocardia trasvalensis**	GP-ROD	A	BUG+B	Air	33
316	**Oerskovia turbata**	GP-ROD	A	BUG+B	Air	33
317	**Paenibacillus alvei**	GP-ROD SB	A	BUG+B	Air	33
318	**Paenibacillus amylolyticus**	GP-ROD SB	A	BUG+B	Air	33
319	**Paenibacillus azotofixans**	GP-ROD SB	A	BUG+B	Air	33
320	**Paenibacillus glucanolyticus**	GP-ROD SB	A	BUG+B	Air	33
321	**Paenibacillus larvae**	GP-ROD SB	A	BUG+B	Air	33
322	**Paenibacillus macerans**	GP-ROD SB	A	BUG+B	Air	33
323	**Paenibacillus pabuli**	GP-ROD SB	A	BUG+B	Air	33
324	**Paenibacillus peoriae**	GP-ROD SB	A	BUG+B	Air	33
325	**Paenibacillus polymyxa**	GP-ROD SB	A	BUG+B	Air	33
326	**Paenibacillus popilliae**	GP-ROD SB	A	BUG+B	Air	33
327	**Paenibacillus thiaminolyticus**	GP-ROD SB	A	BUG+B	Air	33
328	**Paenibacillus validus**	GP-ROD SB	A	BUG+B	Air	33
329	**Pediococcus acidilactici**	GP-COCCUS	C2	BUG+B	6.5%CO2	33-37
330	**Pediococcus parvulus**	GP-COCCUS	C2	BUG+B	6.5%CO2	33-37
331	**Pediococcus pentosaceus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
332	**Rathayibacter rathayi**	GP-ROD	A	BUG	Air	30
333	**Rathayibacter tritici**	GP-ROD	A	BUG	Air	30
334	**Renibacterium salmoninarum**	GP-ROD	A	BUG+B	Air	33
335	**Rhodococcus australis**	GP-ROD	A	BUG+B	Air	30
336	**Rhodococcus coprophilus**	GP-ROD	A	BUG+B	Air	30
337	**Rhodococcus corynebacterioides**	GP-ROD	A	BUG+B	Air	30
338	**Rhodococcus equi**	GP-ROD	A	BUG+B	Air	30
339	**Rhodococcus erythropolis**	GP-ROD	A	BUG+B	Air	30
340	**Rhodococcus fascians**	GP-ROD	A	BUG+B	Air	30
341	**Rhodococcus globerulus**	GP-ROD	A	BUG+B	Air	30
342	**Rhodococcus pyyridinivorans**	GP-ROD	A	BUG+B	Air	30
343	**Rhodococcus rhodnii**	GP-ROD	A	BUG+B	Air	30
344	**Rhodococcus rhodochrous**	GP-ROD	A	BUG+B	Air	30
345	**Rhodococcus ruber**	GP-ROD	A	BUG+B	Air	30
346	**Rhodococcus wratislaviensis**	GP-ROD	A	BUG+B	Air	30
347	**Rothia amarae**	GP-ROD	A	BUG+B	Air	33
348	**Rothia dentocariosa**	GP-ROD	A	BUG+B	Air	33
349	**Rothia mucilaginosa**	GP-ROD	A	BUG+B	Air	33
350	**Rothia nasimurium**	GP-ROD	A	BUG+B	Air	33
351	**Sanguibacter inulinus**	GP-ROD	A	BUG+B	Air	33
352	**Sanguibacter keddieii**	GP-ROD	A	BUG+B	Air	33
353	**Sanguibacter suarezii**	GP-ROD	A	BUG+B	Air	33
354	**Sporolactobacillus laevolacticus**	GP-ROD SB	A	BUG+B	Air	33
355	**Sporosarcina globispora**	GP-ROD SB	A	BUG+B	Air	26
356	**Sporosarcina pasteurii**	GP-ROD SB	A	BUG+B	Air	33
357	**Sporosarcina ureae**	GP-ROD SB	A	BUG+B	Air	33

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	Species Name	Organism Type	Protocol	Medium	Medium Atm	Medium Temp
358	**Staphylococcus arlettae**	GP-COCCUS	A	BUG+B	Air	33
359	**Staphylococcus aureus ss aureus**	GP-COCCUS	A	BUG+B	Air	33
360	**Staphylococcus auricularis**	GP-COCCUS	A	BUG+B	Air	33
361	**Staphylococcus capitis ss capitis**	GP-COCCUS	A	BUG+B	Air	33
362	**Staphylococcus capitis ss ureolyticus**	GP-COCCUS	A	BUG+B	Air	33
363	**Staphylococcus caprae**	GP-COCCUS	A	BUG+B	Air	33
364	**Staphylococcus carnosus ss carnosus**	GP-COCCUS	A	BUG+B	Air	33
365	**Staphylococcus carnosus ss utilis**	GP-COCCUS	A	BUG+B	Air	33
366	**Staphylococcus chromogenes**	GP-COCCUS	A	BUG+B	Air	33
367	**Staphylococcus cohnii ss cohnii**	GP-COCCUS	A	BUG+B	Air	33
368	**Staphylococcus cohnii ss urealyticum**	GP-COCCUS	A	BUG+B	Air	33
369	**Staphylococcus condimenti**	GP-COCCUS	A	BUG+B	Air	33
370	**Staphylococcus delphini**	GP-COCCUS	A	BUG+B	Air	33
371	**Staphylococcus epidermidis**	GP-COCCUS	A	BUG+B	Air	33
372	**Staphylococcus equorum ss equorum**	GP-COCCUS	A	BUG+B	Air	33
373	**Staphylococcus felis**	GP-COCCUS	A	BUG+B	Air	33
374	**Staphylococcus fleurettii**	GP-COCCUS	A	BUG+B	Air	33
375	**Staphylococcus gallinarum**	GP-COCCUS	A	BUG+B	Air	33
376	**Staphylococcus haemolyticus**	GP-COCCUS	A	BUG+B	Air	33
377	**Staphylococcus hominis ss hominis**	GP-COCCUS	A	BUG+B	Air	33
378	**Staphylococcus hominis ss novobiosepticus**	GP-COCCUS	A	BUG+B	Air	33
379	**Staphylococcus hyicus**	GP-COCCUS	A	BUG+B	Air	33
380	**Staphylococcus intermedius**	GP-COCCUS	A	BUG+B	Air	33
381	**Staphylococcus kloosii**	GP-COCCUS	A	BUG+B	Air	33
382	**Staphylococcus lentus**	GP-COCCUS	A	BUG+B	Air	33
383	**Staphylococcus lugdunensis**	GP-COCCUS	A	BUG+B	Air	33
384	**Staphylococcus lutrae**	GP-COCCUS	A	BUG+B	Air	35
385	**Staphylococcus muscae**	GP-COCCUS	A	BUG+B	Air	33
386	**Staphyloccocus pasteuri**	GP-COCCUS	A	BUG+B	Air	33
387	**Staphylococcus piscifermentans**	GP-COCCUS	A	BUG+B	Air	33
388	**Staphylococcus saprophyticus ss bovis**	GP-COCCUS	A	BUG+B	Air	33
389	**Staphylococcus saprophyticus ss saprophyticus**	GP-COCCUS	A	BUG+B	Air	33
390	**Staphylococcus schleiferi ss coagulans**	GP-COCCUS	A	BUG+B	Air	33
391	**Staphylococcus schleiferi ss schleiferi**	GP-COCCUS	A	BUG+B	Air	33
392	**Staphylococcus sciuri ss carnaticus**	GP-COCCUS	A	BUG+B	Air	33
393	**Staphylococcus sciuri ss rodentium**	GP-COCCUS	A	BUG+B	Air	33
394	**Staphylococcus sciuri ss sciuri**	GP-COCCUS	A	BUG+B	Air	33
395	**Staphylococcus simulans**	GP-COCCUS	A	BUG+B	Air	33
396	**Staphylococcus succinus ss succinus**	GP-COCCUS	A	BUG+B	Air	33
397	**Staphylococcus vitulinus**	GP-COCCUS	A	BUG+B	Air	33
398	**Staphylococcus warneri**	GP-COCCUS	A	BUG+B	Air	33
399	**Staphylococcus xylosus**	GP-COCCUS	A	BUG+B	Air	33
400	**Streptococcus acidominimus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
401	**Streptococcus agalactiae (GP B)**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
402	**Streptococcus alactolyticus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
403	**Streptococcus anginosus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
404	**Streptococcus australis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
405	**Streptococcus bovis (GP D)**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
406	**Streptococcus canis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
407	**Streptococcus constellatus ss constellatus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
408	**Streptococcus constellatus ss pharyngis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
409	**Streptococcus criceti**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
410	**Streptococcus cristatus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
411	**Streptococcus didelphis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
412	**Streptococcus downei**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
413	**Streptococcus dysgalactiae ss dysgalactiae**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
414	**Streptococcus dysgalactiae ss equisimilis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
415	**Streptococcus entericus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
416	**Streptococcus equi ss equi**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
417	**Streptococcus equi ss zooepidemicus (GP C)**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
418	**Streptococcus equinus (GP D)**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
419	**Streptococcus ferus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
420	**Streptococcus gallinaceous**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
421	**Streptococcus gallolyticus ss gallolyticus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
422	**Streptococcus gallolyticus ss macedonicus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
423	**Streptococcus gallolyticus ss pasteurianus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
424	**Streptococcus gordonii**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
425	**Streptococcus halichoeri**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
426	**Streptococcus hyointestinalis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
427	**Streptococcus hyovaginalis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
428	**Streptococcus infantis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37

	Species Name	Organism Type	Protocol	Medium	Medium Atm	Medium Temp
429	**Streptococcus iniae**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
430	**Streptococcus intermedius**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
431	**Streptococcus lutetiensis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
432	**Streptococcus macacae**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
433	**Streptococcus marimammalium**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
434	**Streptococcus mitis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
435	**Streptococcus mutans/ratti**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
436	**Streptococcus oralis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
437	**Streptococcus orisratti**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
438	**Streptococcus ovis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
439	**Streptococcus parasanguinis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
440	**Streptococcus parauberis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
441	**Streptococcus peroris**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
442	**Streptococcus phocae**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
443	**Streptococcus pluranimalium**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
444	**Streptococcus pneumoniae**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
445	**Streptococcus porcinus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
446	**Streptococcus pseudopneumoniae**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
447	**Streptococcus pyogenes (GP A)**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
448	**Streptococcus salivarius**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
449	**Streptococcus sanguinis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
450	**Streptococcus sinensis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
451	**Streptococcus sobrinus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
452	**Streptococcus suis (GP R)**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
453	**Streptococcus suis serogroup 1/2**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
454	**Streptococcus suis serogroup 4/6**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
455	**Streptococcus suis serogroup 5**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
456	**Streptococcus suis serogroup 7**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
457	**Streptococcus thermophilus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
458	**Streptococcus thoraltensis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
459	**Streptococcus uberis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
460	**Streptococcus vestibularis**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
461	**Tetragenococcus halophilus**	GP-COCCUS	C1	BUG+B	6.5%CO2	33-37
462	**Tetragenococcus solitarius**	GP-COCCUS	C2	BUG+B	6.5%CO2	33-37
463	**Tsukamurella inchonensis**	GP-ROD	A	BUG+B	Air	30
464	**Tsukamurella paurometabola**	GP-ROD	B	BUG+B	Air	30
465	**Tsukamurella pulmonis**	GP-ROD	A	BUG+B	Air	30
466	**Tsukamurella tyrosinosolvens**	GP-ROD	A	BUG+B	Air	30
467	**Turicella otitidis**	GP-ROD	A	BUG+B	Air	33
468	**Vagococcus fessus**	GP-COCCUS	A	BUG+B	6.5%CO2	33-37
469	**Vagococcus fluvialis**	GP-COCCUS	A	BUG+B	6.5%CO2	33-37
470	**Vagococcus lutrae**	GP-COCCUS	A	BUG+B	6.5%CO2	33-37
471	**Vagococcus salmoninarum**	GP-COCCUS	A	BUG+B	Air	26
472	**Virgibacillus pantothenticus**	GP-ROD SB	A	BUG+B	Air	33
473	**Virgibacillus proomii**	GP-ROD SB	A	BUG+B	Air	33
474	**Weissella confusa**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
475	**Weissella halotolerans**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
476	**Weissella minor**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
477	**Weissella viridescens**	GP-ROD	C1	BUG+B	6.5%CO2	33-37
478	**Williamsia deligens**	GP-ROD	A	BUG+B	Air	33
479	**Williamsia maris**	GP-ROD	A	BUG+B	Air	26
480	**Williamsia muralis**	GP-ROD	A	BUG+B	Air	33

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